

## ITGAM

### Mouse Anti-Human CD11b / CR3 (Clone Bear-1) mAb

<b>Catalog No.</b>	MON1019-1 MON1019-5	<b>Quantity:</b>	1 ml 5 ml
<b>Alternate Names:</b>	Integrin alpha-M, CD11 antigen-like family member B, CR-3 alpha chain, Cell surface glycoprotein MAC-1 subunit alpha, Leukocyte adhesion receptor MO1, Neutrophil adherence receptor, CD11b		
<b>Description:</b>	<p>Mouse Anti-Human CD11b/CR3 Clone Bear-1 reacts with the CD11b alpha chain integrin that is expressed as heterodimer noncovalently associated with CD18. CD11b is also designated as CR3, Mac-1, Mo-1 in integrin alphaM subunit and has a molecular weight of 165-170 kDa. The protein mediates PMN and monocytes adherence to endothelium and subsequently PMN extravasation to sites of inflammation.</p> <p>CD11b/CD18 interacts with both matrix and cell surface proteins including the complement component iC3b, extracellular matrix proteins and the third extracellular domain of CD54. CD11b is expressed on human NK-cells, monocytes, granulocytes, T-cells, B-cells and dendritic cells. After activation, the expression is upregulated.</p>		
<b>UniProt ID:</b>	P11215		
<b>Gene ID:</b>	3684		
<b>Specificity:</b>	The antibody reacts with the CD11b alpha chain of the CD11b/CD18 (p165, 95) integrin heterodimer present on human NK-cells, monocytes and granulocytes.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	Bear-1		
<b>Concentration:</b>	100 µg/ml		
<b>Formulation:</b>	Sterile-filtered PBS, 0.1% BSA, 0.02% sodium azide, . Precaution: sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Protein G affinity chromatography		
<b>Applications:</b>	<b>IHC-F, IP, FC:</b> suggested starting dilution 1:10 It is recommended to determine the optimal dilution for your application.		
<b>Application Notes:</b>	For IHC-F and flow cytometry, dilutions to be used depend on detection system applied. The typical starting working dilution is 1:10.		
<b>Storage &amp; Stability:</b>	Store antibody at 2-8°C for up to 1 year.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



**Cell Sciences®**  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)